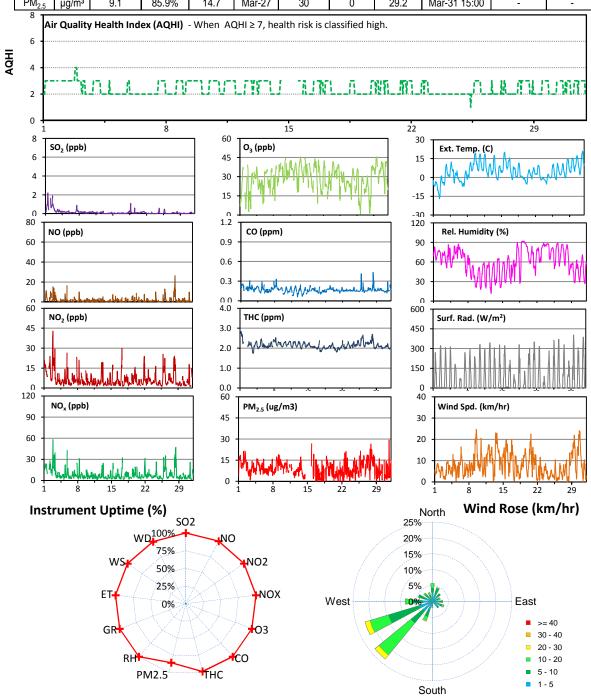
Palliser Airshed Society - March 2012 Summary Report

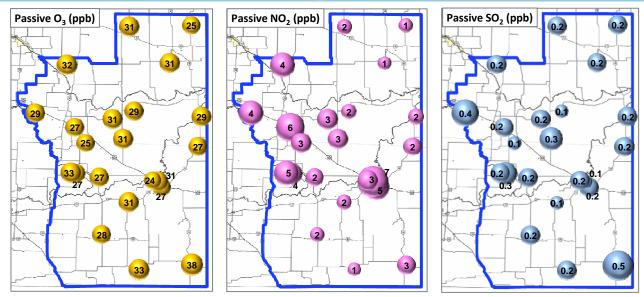
Continuous Sampling Results - Crescent Heights Station

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc	Avg.	Uptime	Maximum		AAAQO	Exceed	Maximum		AAAQO	Exceed
	Unit	Conc.		Conc	Time	Objective	No.	Conc	Time	Objective	No.
SO ₂	ppb	0.1	100.0%	0.9	Mar-2	48	0	2.2	Mar-01 13:00	172	0
NO	ppb	2	100.0%	6	Mar-28	-	-	26	Mar-28 9:00	-	-
NO_2	ppb	6	100.0%	16	Mar-2	-	-	43	Mar-02 21:00	159	0
NO_X	ppb	8	100.0%	20	Mar-2	-	-	58	Mar-02 21:00	-	-
O_3	ppb	29	100.0%	37	Mar-29	-	-	46	Mar-13 17:00	82	0
CO	ppm	0.2	100.0%	0.2	Mar-8	-	-	0.4	Mar-28 8:00	13	0
THC	ppm	2.1	98.7%	2.3	Mar-26	-	-	2.8	Mar-01 6:00	-	-
PM _{2.5}	μg/m³	9.1	85.9%	14.7	Mar-27	30	0	29.2	Mar-31 15:00	-	-



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Passive Sampling Results



Monthly Update

- * The measured ambient concentrations of all parameters are within the AAAQO for the month of March 2012.
- * All compliance parameters are above 90% operational for the month of March 2012.
- * Routine calibration was performed on March 1, 2012.
- * The operational issues during the month of March include the THC analyzer malfunctioning after calibration on March 1. The analyzer was re-calibrated on March 2, and returned to normal function. The PM2.5 analyzer was malfunctioning intermittently from March 9-31. A malfunctioning AC unit caused temperature fluctuations in the station, which caused excessive moisture to form in the TEOM. 105 hours of data were flagged as "analyzer failure". A non-compliance report was filed with AEW, reference #256955.